IN THE CLAIMS

Please amend the claims as follows:

1. (Currently Amended) A device for recording information on a record carrier, the record carrier comprising a track for recording information, said information including real-time information to be reproduced continuously via a rendering system having predefined properties at least including:

- a buffer coupled to a read-out unit,
- a minimal read-out speed Rdisc of the read-out unit for retrieving information from the track into the buffer, and
- a maximal seek time Tseek for accessing information anywhere on the record carrier,

the device comprising:

a head for scanning the track;

a write unit for recording information in the track via the head, the information being arranged in files, a file having properties at least including:

- a maximal data rate Rfile of the file for the real-time information in the file to be reproduced continuously, and
- a maximal size of header information Sheaders that precedes and/or follows the real-time information in the file; and

an allocation unit for determining a minimal size of an extent Sextent that is a continuous recording unit at least taking into account the properties Rdisc, Tseek, Rfile and Sheaders, and

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recording the information of the files in contiguous parts of the track at least having the size of Sextent.

2. (Currently Amended) The device as claimed in claim 1, wherein the allocation unit comprises an extent unit that contains a number of predefined extent sizes and corresponding maximal data rates available for Rfile.

3. (Currently Amended) The device as claimed in claim 1, wherein the allocation unit comprises an extent unit for determining said minimal size or a maximal data rate for Rfile based on: Sextent = ((Tseek + Sheaders / Rdisc)* Rfile * Rdisc) / (Rdisc - Rfile).

4. (Currently Amended) The device as claimed in claim 1, wherein the device is arranged for determining a disc type and determining the Sextent taking into account for Rdisc an overhead in dependence of the disc type, in particular a packet overhead for a re-writable disc type.

5. (Currently Amended) A device for reading information from a track on a record carrier, said information including real-time information to be reproduced continuously via a rendering system having predefined properties at least including:

, a buffer coupled to a read-out unit,

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- a minimal read-out speed Rdisc of the read-out unit for retrieving information from the track into the buffer, and
- a maximal seek time Tseek for accessing information anywhere on the record carrier,

the device comprising:

a head for scanning the track;

a read unit for reading information in the track via the head, the information being arranged in files, a file having properties at least including

- a maximal data rate Rfile of the file for the real-time information in the file to be reproduced continuously,
- a maximal size of header information Sheaders that precedes and/or follows the real-time information in the file, and
- being recorded in contiguous parts of the track at least having a size of Sextent at least taking into account the properties Rdisc, Tseek, Rfile and Sheaders; and

a read-buffer coupled to the head, the read-buffer having at least a size Sbuffer,min determined taking into account the values of:

- a read-out speed Rdisc_dev of the read unit for retrieving information from the track into the read-buffer, and
- a maximal seek time Tseek_dev of the head for accessing information anywhere on the record carrier, and
- the maximal values of the properties Rfile and Sheaders for files to be played: Rfile,max and Sheaders,max.

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6. (Currently Amended) The device as claimed in claim 5, wherein the read-buffer has a size based on: Sbuffer,min = ((tseek,max + Sheaders,max/Rdisc,max ) * Rfile,max.

7. (Currently Amended) The device as claimed in claim 5, wherein the read unit is arranged for reading a flag from the files indicating whether two files are intended to be played seamless, in particular the file containing the flag and the previous one.

8. (Currently Amended) A method for recording information on a record carrier, the record carrier comprising a track for recording information, said information including real-time information to be reproduced continuously via a rendering system having predefined properties at least including:

- a buffer coupled to a read-out unit,
- a minimal read-out speed Rdisc of the read-out unit for retrieving information from the track into the buffer, and
- a maximal seek time Tseek for accessing information anywhere on the record carrier,

and said information being arranged in files, a file having properties at least including:

- a maximal data rate Rfile of the file for the real-time information in the file to be reproduced continuously, and
- a maximal size of header information Sheaders that precedes and/or follows the real-time information in the file,

wherein said method comprises the steps of:

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determining a minimal size of an extent Sextent that is a continuous recording unit at least taking into account the properties Rdisc, Tseek, Rfile and Sheaders; and

recording the information of the files in contiguous parts of the track at least having the size of Sextent.

9. (Currently Amended) The method as claimed in claim 8, wherein the method comprises a step of:

including a flag in the files indicating whether two files are intended to be played seamless, in particular the file containing the flag and the previous one.

10. (Currently Amended) The method as claimed in claim 8, wherein the maximal size of header information Sheaders is determined including additional data that precedes and/or follows the real-time information in the file, in particular lyrics information additional to an audio file.

11. (Currently Amended) A computer readable media having a program thereon for causing a processor to record information, said program being operative to cause a processor to record information on a record carrier, the record carrier comprising a track for recording information, said information including real-time information to be reproduced continuously via a rendering system having predefined properties at least including:

a buffer coupled to a read-out unit,

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a minimal read-out speed Rdisc of the read-out unit for retrieving information from the track into the buffer, and

a maximal seek time Tseek for accessing information anywhere on the record carrier,

and said information being arranged in files, a file having properties at least including:

a maximal data rate Rfile of the file for the real-time information in the file to be reproduced continuously, and

a maximal size of header information Sheaders that precedes and/or follows the real-time information in the file,

wherein said method comprises the steps of:

determining a minimal size of an extent Sextent that is a continuous recording unit at least taking into account the properties Rdisc, Tseek, Rfile and Sheaders; and

recording the information of the files in contiguous parts of the track at least having the size of Sextent.

12. (Currently Amended) A record carrier comprising a track carrying information, said information including real-time information to be reproduced continuously via a rendering system having predefined properties at least including:

- a buffer coupled to a read-out unit,
- a minimal read-out speed Rdisc of the read-out unit for retrieving information from the track into the buffer, and
- a maximal seek time Tseek for accessing information anywhere on the record carrier,

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and said information being arranged in files, a file having properties at least including:

a maximal data rate Rfile of the file for the real-time information in the file to be reproduced continuously, and

a maximal size of header information Sheaders that precedes and/or follows the real-time information in the file,

wherein the track comprises continuous recording units at least having a size of Sextent at least taking into account the properties Rdisc, Tseek, Rfile and Sheaders.

13. (Currently Amended) The record carrier as claimed in claim 12, wherein the files comprise a flag indicating whether two files are intended to be played seamless, in particular the file containing the flag and the previous one.

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